CHAPTER 11 IOWATER Field Report Forms

Habitat Assessment Chemical/Physical Assessment Standing Water Assessment



Date	Time		
IOWATER Moi	nitor	# of Adults (incl. you)	
Site Number		# of under 18	
Other Volunteer	rs Involved		
Was the stream	dry when it was monitored	? Yes No	
Stream Habitat	Type (at transect – check one)		
Riffle	Run Pool		
Streambed Subs	s <mark>trate</mark> (along transect – estimate p	percentages)	
%	Bedrock – large sheets of stone.	_	
%	Boulder – stones larger than 10		
%	Cobble – stones, diameter between		
%	Gravel -0.1 to 2 inch diameter		
%	Sand – smaller than 0.1 inches		
%			
	Mud/Silt – dirt or soil deposited on bottom of the stream Other – organic material like leaf litter, tree limbs, etc.		
100%	TOTAL	ar inter, tree innos, etc.	
Microhabitats (a	check all present in stream reach)		
Algae Mats		Undercut Banks	
Logjams		e.) Rip Rap	
Root Wads		Overhanging Vegetation	
Fallen Trees		Other (<i>describe</i>)	
Silt/Muck	Weed Beds		
Stream Banks (a	at transect – check all that apply)		
		light Bank (facing upstream)	
Cut Bank – E		Cut Bank - Eroding	
Cut Bank – V	_	Cut Bank – Vegetated	
Sloping Bank		Sloping Bank	
Sand/Gravel		Sand/Gravel Bar	
Rip/Rap		Rip/Rap	
	Bank (i.e., drainage ditch)	Constructed Bank (i.e., drainage ditch)	
Other:		Other:	

	over transect – cneck 25-50% 5	one) 0-75% 75-	100%
Riparian Zone V	Vidth (at transect –	- check one for each ba	ınk)
Left Bank (facing		Right Bank (fac	
0-5 meters	upstreemty	0-5 meters	enig upun eum)
5-25 meters		5-25 meters	S
Over 25 meter	ers	Over 25 me	
Riparian Zone F	Plant Cover (at tra	nsect – estimate perce	ntage of each)
	g upstream)		
% Trees	,	% Trees	, , , , , , , , , , , , , , , , , , ,
% Shrubs / Lo	ow Trees	% Shrubs / 1	Low Trees
% Grass / Lov	v Plants	% Grass / L	ow Plants
% Exposed So	oil	% Exposed	
	rap, concrete, etc.)		o rap, concrete, etc.)
100% TOT	AL	100% TO	OTAL
Adjacent Land	<mark>Use (along stream re</mark>	each – check all that ap	pply)
Row Crop	Wetland	Boating Accesses	Rural Residential Areas
			Conservation Lands
	Park		Animal Feeding
			Operations/Lots
			Other
		n reach – check all tha 've participated in or v	
	· · · · · · · · · · · · · · · · · · ·		Fishing
		king Rafting	
			Trapping Other
			o
		eam reach – check all i	
		human use you've wit	
		_	nping Sites Evidence of
			e Pit/Ring Kid's Play
Dock/Platform	Rope Swi	ings Fish	ning Tackle Other
Is this stream In	termittent or Pe	rennial? (along stre	am reach- check one)
	Perennial		,
Record all other	land use practic	es that potentially	could affect the stream.



Date	Time		
IOWATER Mor	nitor	# of Adults (incl. you)	
Site Number		# of under 18	
Other Voluntee	rs Involved		
Was the stream	dry when it was monitored?	Yes No	
Stream Habitat	Type (at transect – check one)		
Riffle		_	
Streambed Subs	s <mark>trate</mark> (along transect – estimate per	centages)	
%	Bedrock – large sheets of stone.	3 /	
%	Boulder – stones larger than 10 inc	ches in diameter	
%	Cobble – stones, diameter between		
%	Gravel -0.1 to 2 inch diameter		
%	Sand – smaller than 0.1 inches		
%	Mud/Silt – dirt or soil deposited or	n bottom of the stream	
%	Other – organic material like leaf l		
100%	TOTAL		
Microhabitats (a	check all present in stream reach)		
Algae Mats	=	Undercut Banks	
Logjams	Junk (tires, garbage, etc.)		
Root Wads		Overhanging Vegetation	
Fallen Trees		Other (<i>describe</i>)	
Silt/Muck	Weed Beds		
Stream Banks (a	nt transect – check all that apply)		
Left Bank (facing	g upstream) Rig	ht Bank (facing upstream)	
Cut Bank – F		Cut Bank - Eroding	
Cut Bank – V	•	Cut Bank – Vegetated	
Sloping Bank		Sloping Bank	
Sand/Gravel		Sand/Gravel Bar	
Rip/Rap		Rip/Rap	
	Bank (i.e., drainage ditch)	Constructed Bank (i.e., drainage ditch)	
Other		Other:	

	(over transect – che		
0-25%	25-50%	50-75% 75-	-100%
Rinarian Zone	Width (at transact	t – check one for each bo	ank)
Left Bank (facin			
0-5 meters	g upstream)	0-5 meters	
5-25 meters		5-25 meters	
Over 25 me		Over 25 m	
0 101 20 1110		0 , 0 , 20	
Riparian Zone	Plant Cover (at t	transect – estimate perce	entage of each)
Left Bank (facir	ıg upstream)	Right Bank (fa	ncing upstream)
% Trees		% Trees	
% Shrubs / I		% Shrubs /	
% Grass / Lo		% Grass / L	
% Exposed S		% Exposed	
	rap, concrete, etc.)		p rap, concrete, etc.)
100% TO	TAL	100% TO	JTAL
Adjacent Land	Use (along stream	reach – check all that a	upply)
			Rural Residential Areas
			Conservation Lands
	Park		
			Animal Feeding
			Operations/Lots
Timber	Campground	Stairs/Walkway	Other
Human Use Ac	tivities (along stre	am reach – check all the	at apply)
		ou've participated in or	
			Fishing
			Kids Playing
water Skiing	boating	fluilling/	Trapping Other
Evidence of Hu	ıman Use (along s	rtream reach – check all	that apply)
	` 0	of human use you've wi	11 0
		•	mping Sites Evidence of
			e Pit/Ring Kid's Play
			hing Tackle Other
Dock/Plation	ii Kope S	wings Fis.	ming rackie outer
Is this stream I	ntermittent or P	Perennial? (along stre	eam reach- check one)
	Perennial		eum reaen eneen one,
			
Record all othe	r land use pract	ices that potentially	y could affect the stream.
		<u> </u>	



IOWATER Monitor # of Adults (incl. you) Site Number # of under 18 Other Volunteers Involved Was the stream dry when it was monitored? Yes No Stream Habitat Type (at transect – check one)	Date	
Other Volunteers Involved Was the stream dry when it was monitored? Yes No	IOWATER Mor	
Was the stream dry when it was monitored? Yes No	Site Number	
	Other Volunteer	
Stream Habitat Type (at transect – check one)	Was the stream	
	Stream Habitat	
Riffle Pool		
Streambed Substrate (along transect – estimate percentages)	Streambed Subs	
% Bedrock – large sheets of stone.		
Boulder – stones larger than 10 inches in diameter		
Cobble – stones, diameter between 2.5 and 10 inches		
% Gravel – 0.1 to 2 inch diameter		
% Sand – smaller than 0.1 inches		
% Mud/Silt – dirt or soil deposited on bottom of the stream		
% Other – organic material like leaf litter, tree limbs, etc.		
100% TOTAL		
Microhabitats (check all present in stream reach)	Microhabitats (c	
Algae MatsSandUndercut Banks	-	
Logjams Junk (tires, garbage, etc.) Rip Rap		
Root Wads Leaf Packs Overhanging Vegetation		
Fallen Trees Rocks Other (describe)		
Silt/Muck Weed Beds	Silt/Muck	
Stream Banks (at transect – check all that apply)	Stream Banks (a	
Left Bank (facing upstream) Right Bank (facing upstream)		
Cut Bank – Eroding Cut Bank - Eroding		
Cut Bank – Vegetated Cut Bank – Vegetated		
Sloping Bank Sloping Bank	1 0	
Sand/Gravel Bar Sand/Gravel Bar		
Rip/Rap Rip/Rap Rip/Rap Constructed Bank (i.e., drainage ditch) Constructed Bank (i.e., drainage ditch)		
Constructed Bank (i.e., drainage ditch) Other: Other: Other:		

	over transect – cneck 25-50% 5	t one) 50-75% 75-	100%
Rinarian Zone	Width (at transect -	- check one for each ba	nk)
Left Bank (facing		Right Bank (fac	
0-5 meters	g upsireum)	0-5 meters	ing upsireum)
5-25 meters		5-25 meters	
Over 25 met	ers	Over 25 me	
Rinarian Zone l	Plant Cover (at tra	ansect – estimate perce	ntage of each)
Left Bank (facing		D1 1 / D 1	
% Trees	g upstream)	% Trees	cing upstream)
% Trees % Shrubs / L	ow Trees	% Rees % Shrubs / 1	Low Trees
% Grass / Lo		% Grass / L	
% Exposed S		% Exposed	
	rap, concrete, etc.)		o rap, concrete, etc.)
100% TOT	TAL	100% TO	TAL
Adjacent Land	Use (along stream r	each – check all that ap	oply)
-	, ,	•	Rural Residential Areas
-		Nature Trails	
			Animal Feeding
			Operations/Lots
			Other
11111061 _	Campground _	Stairs/ warkway	one
Human Use Act	ivities (along streat	m reach – check all tha	t apply)
Pleas	e check activities you	've participated in or v	vitnessed at this site.
Swimming	Wind Surfing	Wading	Fishing
			Kids Playing
			Гrapping Other
		ream reach – check all i	
	-	f human use you've wit	
		_	nping Sites Evidence of
Footprints or F	Paths ATV/OR	V Tracks Fire	Pit/Ring Kid's Play
Dock/Platform	Rope Sw	ings Fish	ning Tackle Other
Ta Alais adama and Ta			1 1 1
		rennial? (along stre	am reach- check one)
Intermittent	Perennial	_	
Record all other	r land use practio	ces that potentially	could affect the stream.
		<u>-</u> •	



Date	Time	
IOWATER Mor	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	rs Involved	
Was the stream	dry when it was monitored?	Yes No
Stream Habitat	Type (at transect – check one)	
Riffle		_
Streambed Subs	s <mark>trate</mark> (along transect – estimate pe	rcentages)
%	Bedrock – large sheets of stone.	
%	Boulder – stones larger than 10 in	iches in diameter
%	Cobble – stones, diameter betwee	
%	Gravel – 0.1 to 2 inch diameter	in 2.5 und 10 menes
	Sand – smaller than 0.1 inches	
		on hottom of the studen
%	Mud/Silt – dirt or soil deposited of	
%	Other – organic material like leaf	litter, tree limbs, etc.
100%	TOTAL	
Microhabitats (a	check all present in stream reach)	
Algae Mats		Undercut Banks
Logjams		Rip Rap
Root Wads	Leaf Packs	Overhanging Vegetation
Fallen Trees	Rocks	Other (<i>describe</i>)
Silt/Muck	Weed Beds	
Stream Banks (//	at transect – check all that apply)	
		ght Bank (facing upstream)
Cut Bank – E		Cut Bank - Eroding
Cut Bank - V	9	Cut Bank – Vegetated
Sloping Bank	_	Sloping Bank
Sand/Gravel		Sand/Gravel Bar
Rip/Rap		Rip/Rap
		Constructed Bank (i.e., drainage ditch)
0.41		O(1 ···

	over transect – cnech 25-50%5	t one) 50-75% 75-	100%
Rinarian Zone V	Width (at transect -	- check one for each ba	mk)
Left Bank (facing		Right Bank (fac	
0-5 meters	ζ αρείτεαπι)	0-5 meters	cing upstream)
5-25 meters		5-25 meters	S
Over 25 meters	ers	Over 25 me	
		ansect – estimate perce	
Left Bank (facing	g upstream)		cing upstream)
% Trees	T	% Trees	T
% Shrubs / Lo		% Shrubs / I % Grass / L	
% Glass / Lov		% Glass / D	
	rap, concrete, etc.)		o rap, concrete, etc.)
100% TOT	-	100% TO	
Adjacent Land	<mark>Use</mark> (along stream r	each – check all that ap	oply)
Row Crop _	Wetland _	Boating Accesses	Rural Residential Areas
Pasture	Prairie	Nature Trails	Conservation Lands
Urban	Park	Fence	Animal Feeding
			Operations/Lots
			Other
		•	
		m reach – check all tha	
	-	've participated in or v	
			Fishing
			Kids Playing
Water Skiing	Boating	Hunting/	Trapping Other
Evidence of Hu	man Ilsa (along str	eam reach – check all i	that annly)
		f human use you've wit	2 2 7 7
	-		nping Sites Evidence of
		_	Pit/Ring Kid's Play
Poolphilis of 1	Pone Sw	ince Eigh	oing Tools Other
DOCK/Platfollii	Kope sw	FISI	ning Tackle Other
Is this stream In	termittent or Pe	rennial? (along stre	am reach- check one)
	Perennial	<u></u>	
Record all other	land use praction	ces that potentially	could affect the stream.



Date	Time	
IOWATER Mor	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	rs Involved	
Was the stream	dry when it was monitored?	Yes No
Stream Habitat	Type (at transect – check one)	
Riffle		_
Streambed Subs	s <mark>trate</mark> (along transect – estimate pe	rcentages)
%	Bedrock – large sheets of stone.	reemages)
%	Boulder – stones larger than 10 in	ches in diameter
%	Cobble – stones, diameter betwee	
	Gravel – 0.1 to 2 inch diameter	ii 2.5 und 10 menes
	Sand – smaller than 0.1 inches	
%	Mud/Silt – dirt or soil deposited o	
%	Other – organic material like leaf	litter, tree limbs, etc.
100%	TOTAL	
Microhabitats (a	check all present in stream reach)	
Algae Mats		Undercut Banks
Logjams		Rip Rap
Root Wads	Leaf Packs	Overhanging Vegetation
Fallen Trees	Rocks	Other (<i>describe</i>)
Silt/Muck	Weed Beds	
Stream Banks (a	at transect – check all that apply)	
	· ·	ght Bank (facing upstream)
Cut Bank – E		Cut Bank - Eroding
Cut Bank - V		Cut Bank – Vegetated
Sloping Bank	_	Sloping Bank
Sand/Gravel		Sand/Gravel Bar
Rip/Rap		Rip/Rap
		Constructed Bank (i.e., drainage ditch)
0.41		0.1

	(over transect – chec		
0-25%	25-50%	50-75% 75	-100%
Rinarian Zone	Width (at transect	– check one for each bo	ank)
Left Bank (facin			
0-5 meters	g upstreum)	0-5 meters	
5-25 meters		5-25 meter	
Over 25 met		Over 25 m	
Riparian Zone	Plant Cover (at tr	ransect – estimate perce	entage of each)
Left Bank (facin	ng upstream)	Right Bank (fa	cing upstream)
% Trees		% Trees	
% Shrubs / L		% Shrubs /	
% Grass / Lo		% Grass / L	
% Exposed S		% Exposed	
	rap, concrete, etc.)		p rap, concrete, etc.)
100% TO	IAL	100% TO	DTAL
Adjacent Land	Ugo (alono atroam	nogolo ob ob all that a	and the same of th
		reach – check all that a	
			Rural Residential Areas
			Conservation Lands
	Park		Animal Feeding
			Operations/Lots
Timber	Campground	Stairs/Walkway	Other
II II A o	4!!4! ~~ / 1	1 1 1 11 1	
		ım reach – check all tha u've participated in or	
			Fishing
			Kids Playing
Water Skiing	Boating	Hunting/	Trapping Other
Evidones of Hu	mon Ugo (1		
	` `	ream reach – check all of human use you've wi	11 0
		•	
			mping Sites Evidence of
Footprints or	Paths ATV/OI	RV Tracks Fire	e Pit/Ring Kid's Play
Dock/Platforn	n Rope Sv	vings Fish	hing Tackle Other
T 41 4 T	4 •44 4 5	• 10	
		erennial? (along stre	eam reach- check one)
Intermittent	Perennial	_	
D J - II - 41	1 J4º	41 4 4 4	1 1 - CC4 414
kecora ali otne	r iana use practi	ces that potentially	could affect the stream.



Date	Time	
IOWATER Mor	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	rs Involved	
Was the stream	dry when it was monitored?	Yes No
Stream Habitat	Type (at transect – check one)	
Riffle		_
Streambed Subs	s <mark>trate</mark> (along transect – estimate pe	ercentages)
%	Bedrock – large sheets of stone.	. ce
%	Boulder – stones larger than 10 ir	nches in diameter
%	Cobble – stones, diameter between	
%	Gravel – 0.1 to 2 inch diameter	and to menes
%	Sand – smaller than 0.1 inches	
	Mud/Silt – dirt or soil deposited of	on bottom of the stream
	Other – organic material like leaf	
100%	TOTAL	inter, tree innos, etc.
100 / 0	TOTAL	
Microhabitats (d	check all present in stream reach)	
Algae Mats		Undercut Banks
Logjams		
	Leaf Packs	Overhanging Vegetation
Fallen Trees		Other (<i>describe</i>)
Silt/Muck	Weed Beds	
Stream Banks (a	at transect – check all that apply)	
		ght Bank (facing upstream)
Cut Bank – E		Cut Bank - Eroding
Cut Bank – V		Cut Bank – Vegetated
Sloping Bank	_	Sloping Bank
Sand/Gravel	Bar	Sand/Gravel Bar
Rip/Rap		Rip/Rap
Constructed	Bank (i.e., drainage ditch)	Constructed Bank (i.e., drainage ditch)
O41		0.41

	(over transect – cnect 25-50% 5	50-75% 75-	100%
Rinarian Zone	Width (at transect -	- check one for each ba	nk)
Left Bank (facin		Right Bank (fac	
0-5 meters	g upsiream)	0-5 meters	ing upsireum)
5-25 meters		5-25 meters	3
Over 25 met	ers	Over 25 me	
D'			4 1
		ansect – estimate percei	
Left Bank (facing % Trees	g upstream)	Right Bank (fac	cing upstream)
% Hees % Shrubs / L	ow Trees	% Recs % Shrubs / I	Low Trees
% Grass / Lo		% Grass / Lo	
% Exposed S		% Exposed	
	rap, concrete, etc.)		o rap, concrete, etc.)
100% TO	<u> </u>	100% TO	•
Adjacent Land	Use (along stream r	each – check all that a <u>p</u>	(2nlv)
	`	•	Rural Residential Areas
-		Nature Trails	
			Animal Feeding
			Operations/Lots
Timber	Campground _	Stairs/Walkway	Other
Human Use Ac	tivities (along streat	m reach – check all tha	t apply)
		ı've participated in or v	
	•	•	Fishing
			Kids Playing
		Hunting/	
		ream reach – check all i	
Ple	ease check evidence o	f human use you've wit	nessed at this site.
		_	nping Sites Evidence of
Footprints or l	Paths ATV/OR	V Tracks Fire	Pit/Ring Kid's Play
Dock/Platforn	n Rope Sw	ings Fish	ning Tackle Other
		rennial? (along stre	am reach- check one)
Intermittent	Perennial	_	
Record all othe	r land use nractic	es that notentially	could affect the stream.
ACCOLU AII UIIIC	i iana use praem	es mai potentiany	could affect the Sti Caill.



Date	Time	
IOWATER Mon	itor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	s Involved	
Was the stream of	lry when it was monito	ored? Yes No
Weather (check ala Sunny Partl	11	Rain/Snow Windy Calm
Water Color (che Clear Brown		eddish Blackish Milky Gray
Water Odor (check None S		Eggs Petroleum Musky
Air Temperature	e°Fahrenheit	
Precipitation	inches over the last	24 hours
Transparency (recentimeter	ecord whole numbers only – rs	no tenths)
<u>pH</u> Expiration date on be check one – 4	ottom of bottle 5 6 7 8	9
Nitrite-N (mg/L)		
	ottom of bottle 0.15 0.3 1.0 _	1.5 3
Nitrate-N (mg/L) Expiration date on be check one – 0 1	ottom of bottle	20 50

Expiration date on t	oack of color com	parator					
check one – 1	2 4	5	68	3	10	12	
Phosphate (mg/L	.)						
Expiration date on b		parator					
Expiration date on r							
Expiration date on a	activator solution						
check one – 0							
1	_ 2 3	_ 4	5	6	_ 7	_ 8	10
<u>Chloride</u>							
Expiration date on b	oottom of bottle _						
mg/l	L – Convert Quanta	b Units to mg	/L using the	chart p	rovided o	on the bottle	
	-			Î			
<u>Water Tempera</u>	<u>iture</u>						
°Fahrenhei							
Stream Width							
meters							
<u> Maximum Strea</u>	am Depth (alor	ig your trai	isect)				
• met	ters						
Stream Flow (al	ong your transec	t)					
high	r	ormal		lo	w		not su
Stream Depth (i							
1 st Spot							
2 nd Spot	6 th Spot	_•	10 th Spot		•	14 th Spot	·
3 rd Spot	7 th Spot		11 th Spot	-		15th C	
th -					•	_ 13 S pot	·
4 th Spot .	8 ^h Spot		12 th Spot		·	_ 15 S pot	•
4 th Spot	8 ^h Spot				·	- 15 S pot	·
	8 ^h Spot		12 th Spot		•	_ 13 S pot -	·•
Stream Velocity	8 ^h Spot <u></u> (in seconds)	_•	12 th Spot		•	-	
Stream Velocity 1st Spot	8 ^h Spot <u>V</u> (in seconds) 5 th Spot _		12 th Spot	oot	·	13 th	Spot
Stream Velocity 1 st Spot 2 nd Spot	8 ^h Spot <u>(in seconds)</u> 5 th Spot 6 th Spot		12 th Spot 9 th Sp 10 th S	oot	•	13 th 14 th	Spot Spot
Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	8 ^h Spot <u>7</u> (in seconds) 5 th Spot 6 th Spot 7 th Spot	·	9 th Spot	oot spot _ spot _	·	13 th 14 th	Spot
Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	8 ^h Spot <u>(in seconds)</u> 5 th Spot 6 th Spot	·	9 th Spot	oot spot _ spot _	•	13 th 14 th	Spot Spot
Stream Velocity 1st Spot 2nd Spot 3rd Spot 4th Spot	8 ^h Spot <u>7</u> (in seconds) 5 th Spot 6 th Spot 7 th Spot 8 th Spot	·	9 th Spot 10 th S 11 th S 12 th S	pot _ pot _ pot _	·	13 th 14 th	Spot Spot
Stream Velocity 1st Spot 2nd Spot 3rd Spot 4th Spot	8 ^h Spot <u>7</u> (in seconds) 5 th Spot 6 th Spot 7 th Spot 8 th Spot	·	9 th Spot 10 th S 11 th S 12 th S	pot _ pot _ pot _	·	13 th 14 th	Spot Spot
Stream Velocity 1st Spot 2nd Spot 3rd Spot 4th Spot	8 ^h Spot <u>7</u> (in seconds) 5 th Spot 6 th Spot 7 th Spot 8 th Spot	·	9 th Spot 10 th S 11 th S 12 th S	pot _ pot _ pot _	·	13 th 14 th	Spot Spot
Stream Velocity 1st Spot 2nd Spot 3rd Spot 4th Spot Other Stream A	8 ^h Spot <u>7</u> (in seconds) 5 th Spot 6 th Spot 7 th Spot 8 th Spot	·	9 th Spot 10 th S 11 th S 12 th S	pot _ pot _ pot _	·	13 th 14 th	Spot Spot



Date	Time	
IOWATER Monitor _		# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers Invo	olved	
Was the stream dry w	hen it was monito	red? Yes No
Weather (check all that a Sunny Partly Sunr		Rain/Snow Windy Calm
Water Color (check all a	11 0	eddish Blackish Milky Gray
Water Odor (check all to None Sewage		Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
Precipitation	_ inches over the last 2	24 hours
Transparency (record v	vhole numbers only – n	to tenths)
pH Expiration date on bottom of the check one – 4 5	of bottle _ 6 7 8 _	9
Nitrite-N (mg/L)		
Expiration date on bottom of check one – 0 0.15 _		1.5 3
Nitrate-N (mg/L) Expiration date on bottom of the check one - 0 1		20 50

Dissolved Oxyg Expiration date on			arator					
check one – 1	2 3	4	5 5	6	8	10	12	
						· <u></u>		
Phosphate (mg/l								
Expiration date on								
Expiration date on								
Expiration date on					0.6	0.0		
check one – 0 _								10
1	4	. 3	. 4	_ 3	_ 0_	_	_	10
Chloride								
Expiration date on	bottom of	bottle						
mg	/L – Conver	t Quantab	Units to n	1g/L using	the chart	provided	on the bottle	
Water Tempera								
°Fahrenhe	eit							
Ctus are Width								
Stream Width								
meters								
Maximum Stre	am Deni	t h (along	a vour tr	ansact)				
		uiong	g your ire	unsecij				
• me	11018							
Stream Flow (a	long your	transect))					
<u> </u>					1	ow		not sure
<i>C</i>								·
Stream Depth (
1 st Spot	$_{-}$ 5 th S	pot	•	9^{th} S	Spot	_•	_ 13 th Spot	·
2 nd Spot								
3 rd Spot	7 th S	pot	•	11^{th} S	Spot	_•	_ 15 th Spot	•
4 th Spot						_•		
-	•				-			
Stream Velocity	V (in seco	nds)						
1 st Spot		Spot		9 th	Spot _		13 th	Spot
2 nd Spot		Spot			oth Spot			Spot
3 rd Spot	7 th	Spot			th Spot			Spot
4 th Spot	8 th	Spot			2 th Spot		15	Spot
- phot	O	shor		12	. Spot			
Other Stream A	A ssessma	nt ∩he	ervatio	nns and	Notes	!		
Onici Sucam F	133633111		ci vail	iis allu	110168	_		



Date	Time	
IOWATER Monitor _		# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers Inve	olved	
Was the stream dry w	hen it was monito	red? Yes No
Weather (check all that a Sunny Partly Sunny		Rain/Snow Windy Calm
Water Color (check all a Clear Brown C		eddish Blackish Milky Gray
Water Odor (check all t None Sewage	11 .	Eggs Petroleum Musky
Air Temperature _	°Fahrenheit	
Precipitation	_ inches over the last	24 hours
Transparency (record v	vhole numbers only – 1	no tenths)
pH Expiration date on bottom check one – 4 5	of bottle8	9
Nitrite-N (mg/L) Expiration date on bottom check one – 0 0.15 _		1.5 3
Nitrate-N (mg/L) Expiration date on bottom of the check one - 0 1		20 50

Expiration date of the check one - 1 Phosphate (mg) Expiration date of Expiration date of the check one - 0 Chloride Expiration date of the check one - 0 Chloride Expiration date of the check one - 0 The chloride of the check one - 0 Expiration date of the check one - 0 The chloride of the check one - 0 Expiration date of the check one - 0 The chloride of the check one - 0 Expiration date of the check one - 0 Expiration date of the check one - 0	2 3 g/L) n back of connectivator s 0.1 n bottom of the second se	olor compared to the compared	5 parator trator 0.3 4	6	_ 0.6	_ 0.8	_	10
Expiration date of Expiration date of Expiration date of the check one — 0 1 1	n back of con round color activator s 0.1 2 n bottom of ag/L - Converter	or compa colution	0.34		_ 0.6	_ 0.8_ _ 7	8	10
Expiration date of Expiration date of Expiration date of the check one — 0 1 1 Chloride Expiration date of memory mater Tempe	n back of con round color activator s 0.1 2 n bottom of ag/L - Converter	or compa colution	0.34		_ 0.6 _ 6	_ 0.8 _ 7	8	10
Expiration date of Expiration date of the character of th	n round color n activator s 0.1 2 n bottom of ag/L - Convert	or compa colution	0.34		_ 0.6	_ 0.8 _ 7	8	10
Expiration date of the check one — 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n activator s 0.1 2 n bottom of ag/L - Conver	olution _ 0.2 3 bottle	0.34	_ 0.4	_ 0.6	_ 0.8 _ 7	8	10
Chloride Expiration date o Mater Tempe	n bottom of ag/L – Conver	0.23bottle	0.3	_ 0.4	0.6	_ 0.8 _ 7	8	10
1 Chloride Expiration date o m Water Tempe	n bottom of g/L – Conver	3 bottle	_ 4	5	6_	7	_ 8	10
Expiration date o m Water Tempe	ig/L – Conver rature							
Expiration date o m Water Tempe	ig/L – Conver rature							
Water Tempe	ig/L – Conver rature							
Water Tempe	<u>rature</u>	Quantido	Cittis to II	19/Lusing	the chart	provided o	on the hottle	
				.0, 2		p. 0 / 100 cm 0		
<u>Stream Width</u>	<u>1</u>							
meter	·s							
<u> Maximum Str</u>	ream Dept	<u>h</u> (along	g your tro	ansect)				
• n	neters							
Stream Flow ((along your	transect))					
high		no	ormal		1	ow		not su
Straam Danth	(: /	1		C.		1	0.01)	
Stream Depth	_	-	_	_				
1 st Spot								
2 nd Spot								
3 rd Spot								•
4 th Spot	8 ⁿ S ₁	oot	•	12 th S	pot	·	-	
Q4 X 7 1		• .						
Stream Veloci				41			th	
1 st Spot	5 th	Spot		9 ^u	Spot _		13 th	Spot
2 nd Spot		Spot			oth Spot			Spot
3 rd Spot	7^{th}	Spot		11	th Spot		15 th	Spot
4 th Spot	8^{th}	Spot		12	th Spot			
-		-			-			
Other Stream	Assessme	ent Obs	servatio	ons and	Notes			
-								



Date	Time	
IOWATER Moni	tor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers	Involved	
Was the stream d	ry when it was monito	ored? Yes No
Weather (check all Sunny Partly	* * * *	Rain/Snow Windy Calm
Water Color (checkler Brown _		Reddish Blackish Milky Gray
Water Odor (check None S		n Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
Precipitation _	inches over the last	24 hours
Transparency (red	cord whole numbers only – s	no tenths)
pH Expiration date on bo <i>check one</i> – 4 5	ttom of bottle 8	9
Nitrite-N (mg/L)		
	ttom of bottle 0.15 0.3 1.0 _	1.5 3
Nitrate-N (mg/L) Expiration date on bo $check one - 0 _ 1$	ttom of bottle 2 5 10	20 50

check one – 1	Dack of co	olor comp	oarator					
check one = 1	2 3	4_	5 _	6	8	10	12	
Phosphate (mg/L	2)							
Expiration date on		olor comp	oarator _					
Expiration date on a								
Expiration date on a	activator s	solution _						
check one – 0								
1	_ 2	3	4	_ 5	_ 6	_ 7_	_ 8	10
Chloride								
Expiration date on 1	bottom of	bottle						
mg/	L – Conver	t Quantab	Units to n	ng/L using	the chart	provided o	on the bottle	
<i>C</i>		~		0 0	•			
<u> Water Tempera</u>	<u>ature</u>							
°Fahrenhe								
								
Stream Width								
meters								
<u> Maximum Strea</u>	am Dept	t <u>h</u> (along	g your tr	ansect)				
• me	ters							
Stream Flow (al	long your	transect)						
	long your 				1	ow		not su
high		no	ormal					not su
high Stream Depth (1)	in meters,	no	ormal rget to co	onvert fro	om cm to	m, 1 cm	$n=0.01\ m)$	
high Stream Depth (1)	in meters,	no	ormal rget to co	onvert fro	om cm to	m, 1 cm	$n=0.01\ m)$	
Stream Depth (1)1st Spot	in meters, 5 th S	no don't for pot	ormal rget to co	onvert fro	om cm to	o m, 1 cm	$a = 0.01 m$ 13^{th} Spot	•
Stream Depth (13t Spot	in meters, 5 th S 6 th S	no don't for pot pot	ormal *get to co ·	onvert from 9 th S	om cm to pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot	
Stream Depth (11st Spot	in meters, 5 th S 6 th S 7 th S	no don't for pot pot pot	ormal rget to co ·	onvert from 9 th S 10 th S 11 th S	om cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (11st Spot	in meters, 5 th S 6 th S 7 th S	no don't for pot pot pot	ormal rget to co ·	onvert from 9 th S 10 th S 11 th S	om cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S	don't for pot	ormal rget to co ·	onvert from 9 th S 10 th S 11 th S	om cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 8 th S	don't for pot pot pot pot pot pot	ormal rget to co	onvert from 9 th S 10 th S 11 th S 12 th S	pot pot pot pot	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 8 th S 5 th	don't for pot pot pot pot rds)	ormal rget to co	onvert from 9 th S 10 th S 11 th S 12 th S	pot pot pot pot	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot
Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 8 th S 6 th	don't for pot pot pot pot state of the content of	ormal rget to co	onvert from 9 th S 10 th S 11 th S 12 th S	pot pot pot pot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th	don't for pot pot pot spot Spot Spot Spot	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot Spot th Spot _	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot
high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th	don't for pot pot pot pot state of the content of	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot pot	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th 8 th	don't for pot pot pot pot spot Spot Spot Spot Spot	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot pot th Spot _ th Spot _ th Spot _ th Spot _	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th 8 th	don't for pot pot pot pot spot Spot Spot Spot Spot	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot pot th Spot _ th Spot _ th Spot _ th Spot _	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th 8 th	don't for pot pot pot pot spot Spot Spot Spot Spot	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot pot th Spot _ th Spot _ th Spot _ th Spot _	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
Stream Flow (all high high high Stream Depth (all 1st Spot	in meters, 5 th S 6 th S 7 th S 8 ^h S 5 th 6 th 7 th 8 th	don't for pot pot pot pot spot Spot Spot Spot Spot	ormal rget to co	9 th S 10 th S 11 th S 12 th S	pot pot pot pot th Spot _ th Spot _ th Spot _ th Spot _	• m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot



Date	Time	
IOWATER Mo	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Voluntee	rs Involved	
Was the stream	dry when it was moni	tored? Yes No
Weather (check of Sunny Par	* * * *	Rain/Snow Windy Calm
Water Color (char) Clear Brown		Reddish Blackish Milky Gray
Water Odor (channe		en Eggs Petroleum Musky
Air Temperatur	re °Fahrenheit	
Precipitation	inches over the last	st 24 hours
Transparency (record whole numbers only ers	– no tenths)
pH Expiration date on the check one – 4	bottom of bottle 5 6 7	89
Nitrite-N (mg/L)		
	0.15 0.3 1.0	1.5 3
-	bottom of bottle 1 2 5 10	20 50

	back of c	olor comp	oarator _			4.0	4.5	
check one – 1	2 3	3 4_	5_	6	8	. 10	12	
Phosphate (mg/L	2)							
Expiration date on		olor comp	arator _					
Expiration date on a								
Expiration date on a	activator	solution _						
check one – 0	_ 0.1	_ 0.2	0.3	_ 0.4				
1	_ 2	_ 3	4	_ 5	6_	_ 7_	_ 8	10
Chloride								
Expiration date on 1	bottom of	f bottle						
mg/				ng/L using i	he chart	provided o	on the bottle	
<i>&</i>		2				F		
Water Tempera	ature							
°Fahrenhe								
Stream Width								
meters								
Maximum Strea	am Dep	th (along	your tr	ansect)				
			-					
• me	ters							
• me	ters							
		· transect)						
Stream Flow (al	long your				1	ow		not su
Stream Flow (al	long your	· <i>transect</i>) no			1	ow		not su
Stream Flow (al	long your —	nc	ormal					not su
Stream Flow (all high Stream Depth (all high stream	long your — in meters	no	ormal get to co	onvert fro	m cm to	o m, 1 cm	$n=0.01\ m)$	
Stream Flow (all high Stream Depth (all 1st Spot	long your — in meters — 5 th S	no , <i>don't for</i> Spot	ormal get to co	onvert fro	m cm to	o m, 1 cm 	$a = 0.01 m$ 13^{th} Spot	•
Stream Flow (all high Stream Depth (all 1st Spot	long your in meters 5 th S	, don't for Spot Spot	ormal get to co 	onvert from 9 th S ₁	m cm to	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot	
Stream Depth (11st Spot	in meters 5 th S 7 th S	, don't for Spot Spot Spot	ormal •get to co • •	onvert from 9 th S ₁	m cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high) Stream Depth (all high) Stream Depth (all high) 1st Spot	in meters 5 th S 7 th S	, don't for Spot Spot Spot	ormal •get to co • •	onvert from 9 th S ₁	m cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all st Spot	ong your in meters 5 th S 6 th S 7 th S	, don't for Spot Spot Spot	ormal •get to co • •	onvert from 9 th S ₁	m cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S	no, don't for Spot Spot Spot Spot onds)	ormal • get to co • • •	onvert from 9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃	m cm to pot pot pot pot	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (all parts) high high Stream Depth (all parts) 1st Spot 2nd Spot 3rd Spot 4th Spot Stream Velocity 1st Spot 1st Spot	Jong your	no., don't for Spot Spot Spot Spot onds)	ormal rget to co	onvert from 9 th Signature 10 th Signature 11 th Signature 12 th Signature 9 th	m cm to pot pot pot pot	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all 1st Spot	tin meters 5 th \$ 6 th \$ 8 ^h \$ \$ \text{V} (in sectors) 6 th	no, don't for Spot Spot Spot Spot onds) h Spot h Spot	ormal	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃	m cm to pot pot pot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S (in seconds 7 th	no. , don't for Spot Spot Spot Spot onds) h Spot h Spot h Spot h Spot h Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃	m cm to pot pot pot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S (in seconds 7 th	no, don't for Spot Spot Spot Spot onds) h Spot h Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₁ 12 th S ₁	m cm to pot pot Spot h Spot _ h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S (in seconds 7 th	no. , don't for Spot Spot Spot Spot onds) h Spot h Spot h Spot h Spot h Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₁ 12 th S ₁	m cm to pot pot Spot h Spot _ h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	no , don't for Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₃	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	no , don't for Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₃	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	no , don't for Spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₃	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	



Date	Time	
IOWATER Monitor		# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers In	volved	
Was the stream dry	when it was monitor	ed? Yes No
Weather (check all that Sunny Partly Sun	11 .	Rain/Snow Windy Calm
Water Color (check al		ddish Blackish Milky Gray
Water Odor (check all None Sewa		Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
Precipitation	inches over the last 2-	4 hours
Transparency (record	! whole numbers only – no	o tenths)
<u>pH</u> Expiration date on bottom check one – 4 5	n of bottle 6 7 8 _	9
Nitrite-N (mg/L)		
Expiration date on bottom check one – 0 0.15		_ 1.5 3
Nitrate-N (mg/L) Expiration date on bottom check one – 0 1		20 50

Dissolved Oxyg Expiration date on			narator					
check one – 1	2 3	8 4 _	5	6	8	_ 10	_ 12	
Phosphate (mg/								
Expiration date on		olor comp	oarator _					
Expiration date on								
Expiration date on								
check one – 0 _								
1_	2	_ 3	4	_ 5	_ 6_	_ 7_	8	10
<u>Chloride</u>								
Expiration date on	bottom of	f bottle						
mg	g/L – Conve	rt Quantab	Units to n	ng/L using	the chart	provided	on the bottle	
XX 7 4 7 5 7	4							
Water Temper								
°Fahrenh	eit							
Stream Width								
meters	•							
Maximum Stre	eam Dep	th (along	vour tr	ansect)				
• m		(, , ,					
-	0.015							
Stream Flow (a	along your	· transect))					
high		no	ormal]	low		not sur
				2		_	0.01	
Stream Depth								
1 st Spot								
2 nd Spot								
3 rd Spot		_						ot
4 th Spot	8 ^h S	Spot	•	$12^{th} S$	pot	_•	_	
Stream Velocit	W (in seco	nds)						
				oth	Cnot		12 ^t	h Cnot
1 st Spot		Spot			Spot _			h Spot
2 nd Spot	O 7th	Spot						h Spot
3 rd Spot	/-	Spot					15	h Spot
4 th Spot	8"	Spot		12	" Spot			
O41 C4	A	4			TAT. 4			
Other Stream	Assessm	ent Obs	<u>servatio</u>	ons and	Notes	<u>S</u>		
Other Stream	<u>Assessm</u>	ent Obs	servatio	ons and	Notes	<u> </u>		
Other Stream	Assessm	ent Obs	servatio	ons and	Notes	<u>.</u>		



Date	_ Time	
IOWATER Moi	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	rs Involved	
Was the stream	dry when it was moni	tored? Yes No
Weather (check as Sunny Part	* * * *	Rain/Snow Windy Calm
Water Color (che Clear Brown		Reddish Blackish Milky Gray
Water Odor (che None		en Eggs Petroleum Musky
Air Temperatur	e°Fahrenheit	
Precipitation	inches over the la	st 24 hours
Transparency (r	ecord whole numbers only	– no tenths)
pH Expiration date on b check one – 4	oottom of bottle 5 6 7	89
Nitrite-N (mg/L)		
	ottom of bottle 0.15 0.3 1.0	1.5 3
-	oottom of bottle 1 2 5 10	2050

ahaalz ana	Dack of C	olor comp	oarator _		0	10	10	
check one – 1	2 3	3 4_	5_	_ 6	δ	. 10	_ 12	
Phosphate (mg/L	<u>(</u>)							
Expiration date on		olor comp	oarator _					
Expiration date on								
Expiration date on	activator	solution _						
check one – 0								
1_	_ 2	_ 3	4	_ 5	6_	_ 7_	_ 8	10
Chloride								
Expiration date on	bottom o	f bottle						
mg/	L – Conve	rt Quantab	Units to n	ng/L using i	he chart	provided o	on the bottle	
						-		
<u>Water Tempera</u>	<u>ature</u>							
°Fahrenhe								
Stream Width								
meters								
<u> Maximum Strea</u>	am Dep	<u>th</u> (along	g your tr	ansect)				
	4							
• me	ters							
me	ters							
		r transect)						
Stream Flow (all	long your	r transect) no			1	ow		not su
Stream Flow (all	long your —	no	ormal					not su
Stream Flow (all high Stream Depth (all	long your — in meters	no , don't for	ormal eget to co	onvert fro	m cm to	o m, 1 cn	$n=0.01\ m)$	
Stream Flow (all high Stream Depth (all 1st Spot	long your — in meters — 5 th S	no , <i>don't for</i> Spot	ormal eget to co	onvert fro	m cm to	o m, 1 cn 	$n = 0.01 m$ 13^{th} Spot	·•
Stream Flow (all high Stream Depth (all 1st Spot	long your — in meters — 5 th S	no , <i>don't for</i> Spot	ormal eget to co	onvert fro	m cm to	o m, 1 cn 	$n = 0.01 m$ 13^{th} Spot	·•
Stream Flow (all high Stream Depth (all st Spot	long your in meters 5 th S	no , don't for Spot Spot	ormal *get to co ·	onvert fro 9 th S ₁ 10 th S ₁	m cm to	o m, 1 cn 	n = 0.01 m) 13 th Spot 14 th Spot	
Stream Flow (all plane) high (all plane) Stream Depth (all plane) 1st Spot 2nd Spot 3rd Spot	tong your in meters 5 th \$ 6 th \$ 7 th \$	no s, don't for Spot Spot Spot	ormal *get to co · ·	onvert fro 9 th S _J 10 th S _J	m cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all plane) high (all plane) Stream Depth (all plane) 1st Spot 2nd Spot 3rd Spot	tong your in meters 5 th \$ 6 th \$ 7 th \$	no s, don't for Spot Spot Spot	ormal *get to co · ·	onvert fro 9 th S _J 10 th S _J	m cm to pot pot pot	o m, 1 cn 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all st Spot	tong your in meters 5 th S 6 th S 7 th S	no s, don't for Spot Spot Spot	ormal *get to co · ·	onvert fro 9 th S _J 10 th S _J	m cm to pot pot pot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S	no, don't for Spot Spot Spot Spot onds)	ormal get to co	onvert fro 9 th S _J 10 th S _J 11 th S _J 12 th S _J	m cm to pot pot pot pot	o m, 1 cn	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (all black) Stream Depth (all black) Stream Depth (all black) 1st Spot	tong your in meters 5 th S 7 th S 8 ^h S	no	ormal *get to co	onvert fro 9 th S _j 10 th S _j 11 th S _j 12 th S _j	m cm to pot pot pot pot	o m, 1 cn	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Flow (all high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S	no n	ormal *get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃	m cm to pot pot pot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th Spot	 Spot Spot
Stream Flow (all high high high high high high high hi	tong your in meters 5 th S 6 th S 8 ^h S y (in seconds 7 th	no. spot h Spot h Spot h Spot	ormal *get to co * * *	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₁	m cm to pot pot Spot h Spot _ h Spot	o m, 1 cn	13 th Spot 14 th Spot 15 th Spot 13 th Spot	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S y (in seconds 7 th	no n	ormal *get to co * * *	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₁	m cm to pot pot Spot h Spot _ h Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th Spot	 Spot Spot
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₄	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cn	13 th Spot 14 th Spot 15 th Spot 13 th Spot	 Spot Spot
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₄	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cn	13 th Spot 14 th Spot 15 th Spot 13 th Spot	 Spot Spot
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₄	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cn	13 th Spot 14 th Spot 15 th Spot 13 th Spot	
Stream Flow (all high high high Stream Depth (all 1st Spot	tong your in meters 5 th S 6 th S 8 ^h S 7 th S 7 th S 8 ^t S	spot	ormal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃ 12 th S ₄	m cm to pot pot Spot h Spot h Spot h Spot h Spot	o m, 1 cn	13 th Spot 14 th Spot 15 th Spot 13 th Spot	



Date	Time		
IOWATER Monitor		# of Adults (incl. you)	·
Site Number		# of under 18	
Other Volunteers In	volved		
Was the stream dry	when it was monitor	ed? Yes No	
Weather (check all that Sunny Partly Sun		Rain/Snow Windy Calm	
Water Color (check all Clear Brown		ldish Blackish Milky Gr	ray
Water Odor (check all None Sewa		ggs Petroleum Musky	
Air Temperature	°Fahrenheit		
Precipitation	inches over the last 24	4 hours	
Transparency (record	whole numbers only – no	tenths)	
<u>pH</u> Expiration date on bottom check one – 4 5	of bottle 6 7 8	9	
Nitrite-N (mg/L)			
Expiration date on bottom check one – 0 0.15		_ 1.5 3	
Nitrate-N (mg/L) Expiration date on bottom check one – 0 1		20 50	

Expiration date on be check one – 1 Phosphate (mg/L) Expiration date on be Expiration date on a check one – 0 1 Chloride Expiration date on be mg/I Water Tempera °Fahrenhei Stream Width meters	2 3 4	5	6	_ 0.6 _ 6	_ 0.8 _ 7	8	10
Expiration date on be Expiration date on respiration date on a check one — 0	pack of color compound color compound color compound color compound citivator solution		0.4	_ 6	_ 7	8	10
Expiration date on be Expiration date on respiration date on a sheck one — 0	pack of color compound color compound color compound color compound citivator solution		0.4	_ 6	_ 7	8	10
Expiration date on r Expiration date on a theck one - 0 1 Chloride Expiration date on b mg/I Water Tempera °Fahrenhei Stream Width	cound color compactivator solution 0.1 0.2 3 3 0000000000000000000000000000000		0.4	_ 6	_ 7	8	10
Expiration date on a sheck one — 0	octivator solution 0.1 0.2 3 3 0000000000000000000000000000000	0.34	0.4 5	_ 6	_ 7	8	10
Chloride Chloride Expiration date on b mg/I Water Tempera Fahrenhei	0.1 0.2 2 3 bottom of bottle _ L - Convert Quantal	0.3	_ 5	_ 6	_ 7	8	10
Chloride Expiration date on b mg/I Water Tempera Fahrenhei	2 3 pottom of bottle _ L - Convert Quantal ture	_ 4	_ 5	_ 6	_ 7	8	10
Expiration date on b mg/I Water Tempera °Fahrenhei	L – Convert Quantal <u>ture</u>		g/L using	the chart	provided o	on the bottle	
Expiration date on b mg/I Water Tempera °Fahrenhei	L – Convert Quantal <u>ture</u>		g/L using	the chart	provided o	on the bottle	
mg/I Water Tempera Fahrenhei Stream Width	L – Convert Quantal <u>ture</u>		g/L using	the chart	provided o	on the bottle	
Water Tempera°Fahrenhei Stream Width	<u>ture</u>		8,2 43448	ine chair,	, roriucu o	www.come	
°Fahrenhei Stream Width							
°Fahrenhei Stream Width							
Stream Width							
meters							
<u> Maximum Strea</u>	m Depth (alon	g your tro	ansect)				
• met	ers						
Stream Flow (ald	ong your transect	•)					
high	n	ormal		lo	OW		not su
Stroom Donth (:			£.	4	1	- 0.01 m)	
Stream Depth (in	-	_	-				
1 st Spot							
2 nd Spot							
3 rd Spot							·
4 th Spot	8 ⁿ Spot	·	12 th S	pot	·	-	
C4							
Stream Velocity			o th	١ ~		. oth	~
1 st Spot	5 th Spot _		9"	Spot _		13 4	Spot
2 nd Spot	6 th Spot _			th Spot			Spot
3 rd Spot	7 th Spot			th Spot		15 th S	Spot
4 th Spot	8 th Spot _		12	th Spot			
Other Stream A	ssessment Ob	<u>servati</u> o	<u>ns an</u> d	Notes			



Date	Time	
IOWATER Monito	or	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers I	nvolved	
Was the stream dry	when it was monitor	red? Yes No
Weather (check all the Sunny Partly S		Rain/Snow Windy Calm
Water Color (check of Clear Brown		eddish Blackish Milky Gray
Water Odor (check a None Sew		Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
<u>Precipitation</u>	inches over the last 2	24 hours
Transparency (recon	rd whole numbers only – n	o tenths)
<u>pH</u>Expiration date on bottocheck one – 4 5	om of bottle 6 7 8 _	9
Nitrite-N (mg/L)		
Expiration date on botto check one – 0 0.1	om of bottle 5 0.3 1.0	1.5 3
Nitrate-N (mg/L) Expiration date on botto check one – 0 1		20 50

1 1 1	back of cold	or comp	arator					
спеск опе – 1	2 3_	4	5	6	8	10	12	
Phosphate (mg/I	(.)							
Expiration date on		or comp	arator					
Expiration date on								
Expiration date on	activator so	lution _						
check one – 0	_ 0.1	0.2	0.3	_ 0.4				
1_	_ 2	3	4	_ 5	6_	_ 7_	_ 8	10
Chloride								
Expiration date on	bottom of b	ottle						
mg/	L – Convert	Quantab	Units to n	ng/L using	the chart	provided o	on the bottle	
	, and the second se	_		0 0	•			
Water Tempera	<u>ature</u>							
°Fahrenhe								
Stream Width								
meters								
<u> Maximum Stre</u>	am Depth	<u>ı</u> (along	your tre	ansect)				
• me	eters							
Stream Flow (a	long your tr	ransect)						
high		no	rmal		le	OW		not su
						-	0.01	
		-	_	_				
1 st Spot	5 th Sp	ot	•	9 th S	pot	_•	13 th Spot	
1 st Spot	5 th Sp	ot	•	9 th S	pot	_•	13 th Spot	
1 st Spot 2 nd Spot	5 th Sp 6 th Sp	ot ot	•	9^{th} S 10^{th} S	pot pot	·	13 th Spot 14 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp	ot ot	•	9 th S 10 th S 11 th S	pot pot pot	-·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp	ot ot	•	9 th S 10 th S 11 th S	pot pot pot	·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo	ot ot ot	•	9 th S 10 th S 11 th S	pot pot pot	-·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo <u>v</u> (in second	ot ot ot ot	•	9 th S 10 th S 11 th S 12 th S	pot pot pot pot	·	13 th Spot 14 th Spot 15 th Spot	·
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo <u>v</u> (in second	ot ot ot ot	·	9 th S 10 th S 11 th S 12 th S	pot pot pot Spot	·	13 th Spot 14 th Spot 15 th Spot	 Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo <u>v</u> (in second 5 th S	ot ot ot ot ds) Spot	·	9 th S 10 th S 11 th S 12 th S	pot pot pot Spot	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo 8 th Spo 5 th S 6 th S	ot ot ot ot ot spot Spot	·	9 th S 10 th S 11 th S 12 th S	pot pot pot Spot th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo 8 th Spo 5 th S 6 th S	ot ot ot ot ds) Spot	·	9 th S 10 th S 11 th S 12 th S	pot pot pot Spot	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
Stream Depth (1st Spot 2nd Spot 3rd Spot 4th Spot Stream Velocity 1st Spot 2nd Spot 2nd Spot 3rd Spot 4th Spot	5 th Sp 6 th Sp 8 ^h Spo 8 ^h Spo 5 th S 6 th S 7 th S 8 th S	ot ot ot ot ot by Spot Spot Spot		9 th S 10 th S 11 th S 12 th S 9 th 10 11	pot pot pot Spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 8 ^h Spo 8 ^h Spo 5 th S 6 th S 7 th S 8 th S	ot ot ot ot ot by Spot Spot Spot		9 th S 10 th S 11 th S 12 th S 9 th 10 11	pot pot pot Spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 8 ^h Spo 8 ^h Spo 5 th S 6 th S 7 th S 8 th S	ot ot ot ot ot by Spot Spot Spot		9 th S 10 th S 11 th S 12 th S 9 th 10 11	pot pot pot Spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 8 ^h Spo 8 ^h Spo 5 th S 6 th S 7 th S 8 th S	ot ot ot ot ot by Spot Spot Spot		9 th S 10 th S 11 th S 12 th S 9 th 10 11	pot pot pot Spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot



Date	Time	
IOWATER Monito	or	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers I	nvolved	
Was the stream dr	y when it was monito	red? Yes No
Weather (check all the Sunny Partly S		Rain/Snow Windy Calm
Water Color (check Clear Brown		eddish Blackish Milky Gray
Water Odor (check of None Sev		Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
Precipitation	inches over the last 2	24 hours
Transparency (reco	rd whole numbers only – r	10 tenths)
pH Expiration date on botto check one – 4 5	om of bottle 6 7 8 _	9
Nitrite-N (mg/L)		
Expiration date on botto check one – 0 0.1	om of bottle 15 0.3 1.0	1.5 3
Nitrate-N (mg/L) Expiration date on botto check one – 0 1		20 50

	2 3	4	5	6	8	10	_ 12	
theck one 1	2 3			_	· •	10	_ 12	
Phosphate (mg/l	L)							
Expiration date on		olor compa	rator _					
Expiration date on	round col	or compara	ator					
Expiration date on	activator	solution						
check one – 0 _								
1_	_ 2	_ 3	4	_ 5	6_	_ 7_	8	10
<u>Chloride</u>								
Expiration date on	bottom of	bottle						
mg/				ng/L using i	he chart	provided (on the bottle	
		~		0 0	•	•		
Water Tempera	<u>ature</u>							
°Fahrenhe	eit							
O. ****								
Stream Width								
meters								
Marrimanna Ctua	and Dame	4 L / 1		Δ.				
Maximum Stre		<u>th</u> (along y	your tr	ansect)				
		<u>th</u> (along y	your tr	ansect)				
me	eters	_	your tr	ansect)				
me Stream Flow (a	eters long your	transect)			1.	OW.		not sur
me Stream Flow (a	eters long your	_			l	ow		not sur
me <u>Stream Flow</u> (a high	eters long your —	transect)	mal					not sur
Stream Flow (a high Stream Depth (eters long your in meters,	transect) nor	mal get to co	 onvert fro	m cm to	m, 1 cn	$n=0.01\ m)$	
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S	transect) nor don't forg	mal get to co	onvert fro	m cm to	o m, 1 cn	$n = 0.01 m$ 13^{th} Spot	•
me Stream Flow (a high Stream Depth (1st Spot 2nd Spot	eters long your in meters, 5 th S 6 th S	transect) norm don't forg Spot Spot	mal get to co	onvert fro 9 th Sj	m cm to	o m, 1 cn 	n = 0.01 m) 13 th Spot 14 th Spot	·
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 6 th S 7 th S	transect) nor don't forg Spot Spot Spot	mal get to co	onvert from 9 th S ₁ 10 th S ₂ 11 th S ₃	m cm to pot pot pot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 6 th S 7 th S	transect) nor don't forg Spot Spot Spot	mal get to co	onvert from 9 th S ₁ 10 th S ₂ 11 th S ₃	m cm to pot pot pot	o m, 1 cn 	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (a high Stream Depth (1st Spot 2nd Spot 3rd Spot 4th Spot	in meters, 5 th S 6 th S 7 th S	transect) nor don't forg Spot Spot Spot pot	mal get to co	onvert from 9 th S ₁ 10 th S ₂ 11 th S ₃	m cm to pot pot pot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (a high Stream Depth (1st Spot	in meters, 5 th S 6 th S 7 th S 8 S	transect) nor don't forg Spot Spot pot nds)	mal get to co	onvert from 9 th S ₁ 10 th S ₁ 11 th S ₁ 12 th S ₁	m cm to pot pot pot pot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	·
Stream Flow (a high Stream Depth (1st Spot	ters long your in meters, 5 th S 7 th S 8 ^h S	transect) nor. don't forg Spot Spot pot nds)	mal get to co	onvert fro 9 th Sj 10 th Sj 11 th Sj 12 th Sj	m cm to pot pot pot pot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 6 th S 7 th S 8 ^h S	transect) nor. don't forg Spot Spot pot spot	mal get to co	9 th S ₁ 10 th S ₂ 11 th S ₃ 12 th S ₃	m cm to pot pot pot Spot h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 7 th S 8 ^h S (in secondary) (in secondary) 7 th	transect) nor don't forg Spot Spot pot Spot Spot Spot Spot Spot	mal get to co	9 th Sj 10 th Sj 11 th Sj 12 th Sj	m cm to pot pot Spot h Spot _ h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 7 th S 8 ^h S (in secondary) (in secondary) 7 th	transect) nor. don't forg Spot Spot pot spot	mal get to co	9 th Sj 10 th Sj 11 th Sj 12 th Sj	m cm to pot pot pot Spot h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 7 th S 8 ^h S (in secondary) (in secondary) (in secondary) (in secondary) (in secondary) (in secondary)	transect) norm don't forg Spot Spot pot Spot Spot Spot Spot Spot Spot	mal get to co	9 th Sj 10 th Sj 11 th Sj 12 th Sj 12 th 10 ^t 11 ^t 12 ^t	m cm to pot pot pot Spot h Spot _ h Spot _ h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 7 th S 8 ^h S (in secondary) (in secondary) (in secondary) (in secondary) (in secondary) (in secondary)	transect) norm don't forg Spot Spot pot Spot Spot Spot Spot Spot Spot	mal get to co	9 th Sj 10 th Sj 11 th Sj 12 th Sj 12 th 10 ^t 11 ^t 12 ^t	m cm to pot pot pot Spot h Spot _ h Spot _ h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot Spot
Stream Flow (a high Stream Depth (1st Spot	eters long your in meters, 5 th S 7 th S 8 ^h S (in secondary) (in secondary) (in secondary) (in secondary) (in secondary) (in secondary)	transect) norm don't forg Spot Spot pot Spot Spot Spot Spot Spot Spot	mal get to co	9 th Sj 10 th Sj 11 th Sj 12 th Sj 12 th 10 ^t 11 ^t 12 ^t	m cm to pot pot pot Spot h Spot _ h Spot _ h Spot	o m, 1 cn	n = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot Spot



Date	Time	
IOWATER Monit	tor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteers	Involved	
Was the stream d	ry when it was monite	ored? Yes No
Weather (check all a Sunny Partly		_ Rain/Snow Windy Calm
Water Color (check Clear Brown _		Reddish Blackish Milky Gray
Water Odor (check None Se		n Eggs Petroleum Musky
Air Temperature	°Fahrenheit	
Precipitation _	inches over the last	24 hours
Transparency (rec	ord whole numbers only –	no tenths)
<u>pH</u>Expiration date on bot check one – 4 5	tom of bottle 8 8	9
Nitrite-N (mg/L)		
Expiration date on bot check one – 0 0	tom of bottle 0.15 0.3 1.0 _	1.5 3
Nitrate-N (mg/L) Expiration date on bot $check one - 0 $ 1		20 50

.11 1	back of cor	or compa	arator _					
cneck one – 1	2 3_	4	_ 5 _	_ 6	8	10	12	
Phosphate (mg/L	<i>)</i>)							
Expiration date on l		or comp	arator _					
Expiration date on 1								
Expiration date on a	activator so	olution _						
check one – 0								
1	_ 2	3	4	_ 5	_ 6	_ 7_	_ 8	10
<u>Chloride</u>								
Expiration date on l	ottom of b	ottle						
mg/.	L – Convert	Quantab U	Inits to m	g/L using	the chart	provided o	on the bottle	
						•		
<u>Water Tempera</u>	ture							
°Fahrenhe								
Stream Width								
meters								
<u> Maximum Strea</u>	am Deptl	<u>ı</u> (along	your tro	ansect)				
met	ters							
Stream Flow (al	ong your ti	ransect)						
high		noi	rmal		le	OW		not su
		1 1	ant to ac			. m 1 on	0.01	
1 st Spot	5 th Sp	ot		9 th S	pot	_•	13 th Spot	
1 st Spot	5 th Sp	ot		9 th S	pot	_•	13 th Spot	
1 st Spot 2 nd Spot	5 th Sp 6 th Sp	ot		9 th S 10 th S	pot	·	13 th Spot 14 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot	_ 5 th Sp _ 6 th Sp _ 7 th Sp	ot ot ot		9 th S 10 th S 11 th S	pot pot	-·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot	_ 5 th Sp _ 6 th Sp _ 7 th Sp	ot ot ot		9 th S 10 th S 11 th S	pot pot	·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Sp	ot ot ot		9 th S 10 th S 11 th S	pot pot	-·	13 th Spot 14 th Spot 15 th Spot	•
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe	ot ot ot ot		9 th S 10 th S 11 th S 12 th S	pot pot pot	·	13 th Spot 14 th Spot 15 th Spot	·
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spo (in second	ot ot ot ot ot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot	·	13 th Spot 14 th Spot 15 th Spot	 Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe (in second 5 th S	ot ot ot ot ot ot		9 th S 10 th S 11 th S 12 th S	pot pot pot spot	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S	ot ot ot ot ot Spot Spot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot pot pot spot th Spot th Spot	·	13 th Spot 14 th Spot 15 th Spot	 Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S	ot ot ot ot ot ot		9 th S 10 th S 11 th S 12 th S	pot pot pot spot	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot
Stream Depth (in 1st Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S 7 th S	ot ot ot ot ot ds) Spot Spot Spot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot spot spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S 7 th S	ot ot ot ot ot ds) Spot Spot Spot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot spot spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot 4 th Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S 7 th S	ot ot ot ot ot ds) Spot Spot Spot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot spot spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot
1 st Spot 2 nd Spot 3 rd Spot 4 th Spot Stream Velocity 1 st Spot 2 nd Spot 3 rd Spot	5 th Sp 6 th Sp 7 th Sp 8 ^h Spe 5 th S 6 th S 7 th S	ot ot ot ot ot ds) Spot Spot Spot		9 th S 10 th S 11 th S 12 th S	pot pot pot pot spot spot th Spot _ th Spot _ th Spot _ th Spot _	·	13 th Spot 14 th Spot 15 th Spot	 Spot Spot



Date	_ Time	
IOWATER Mor	nitor	# of Adults (incl. you)
Site Number		# of under 18
Other Volunteer	s Involved	
Was the stream	dry when it was monit	tored? Yes No
Weather (check all Sunny Part		Rain/Snow Windy Calm
Water Color (che Clear Brown		Reddish Blackish Milky Gray
Water Odor (che None		en Eggs Petroleum Musky
Air Temperatur	e°Fahrenheit	
Precipitation	inches over the las	st 24 hours
Transparency (recommended)	ecord whole numbers only - ers	- no tenths)
pH Expiration date on b check one – 4	ottom of bottle 5 6 7 8	89
Nitrite-N (mg/L)		
	ottom of bottle 0.15 0.3 1.0	1.5 3
Nitrate-N (mg/L) Expiration date on b check one – 0	ottom of bottle 1 2 5 10	20 50

-11 1	back of col	lor comp	arator _					
спеск опе – 1	2 3_	4_	5_	6	8	10	12	
Phosphate (mg/L	2)							
Expiration date on		lor comp	arator _					
Expiration date on a								
Expiration date on	activator so	olution _						
check one – 0								
1_	_ 2	3	4	_ 5	6	_ 7_	_ 8	10
<u>Chloride</u>								
Expiration date on	bottom of l	bottle						
mg/	L – Convert	Quantab	Units to n	ng/L using t	he chart	provided o	on the bottle	
<u> Water Tempera</u>	<u>ature</u>							
°Fahrenhe								
Stream Width								
meters								
<u> Maximum Strea</u>	am Deptl	<u>h</u> (along	your tr	ansect)				
me	ters							
Stream Flow (all	long your t	ransect)						
	long your t 				1	ow		not su
high		no	ormal					not su
high Stream Depth (a	in meters, c	no	ormal get to co	onvert fro	m cm to	m, 1 cm	$n=0.01\ m)$	
Stream Depth (and 1st Spot	in meters, c	no don't for oot	ormal get to co	onvert fro . 9 th S _l	m cm to	o m, 1 cn 	$n = 0.01 m$ 13^{th} Spot	•
Stream Depth (and 1st Spot	in meters, c	no don't for oot	ormal get to co	onvert fro . 9 th S _l	m cm to	o m, 1 cn 	$n = 0.01 m$ 13^{th} Spot	•
Stream Depth (13t Spot	in meters, a 5 th S _F 6 th S _F	no don't for oot oot	ormal get to co 	onvert fro 9 th S _I 10 th S _I	m cm to	o m, 1 cm 	n = 0.01 m) 13 th Spot 14 th Spot	
high Stream Depth (a 1 st Spot 2 nd Spot 3 rd Spot	in meters, o 5 th Sp 6 th Sp 7 th Sp	no don't for oot oot oot	ormal •get to co • •	onvert fro 9 th S _I 10 th S _I	m cm to oot oot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (a 1 st Spot 2 nd Spot 3 rd Spot	in meters, o 5 th Sp 6 th Sp 7 th Sp	no don't for oot oot oot	ormal •get to co • •	onvert fro 9 th S _I 10 th S _I	m cm to oot oot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 7 th Sp 8 ^h Sp	don't for oot oot oot oot	ormal •get to co • •	onvert fro 9 th S _I 10 th S _I	m cm to oot oot	o m, 1 cm 	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (All 1st Spot	in meters, o 5 th Sp 6 th Sp 7 th Sp 8 ^h Sp	no don't for oot oot oot oot oot oot	ormal get to co 	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	m cm to	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	
Stream Depth (1st Spot	in meters, o 5 th Sp 6 th Sp 7 th Sp 8 ^h Sp	no don't for oot oot oot ot ds) Spot	ormal get to co	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	m cm to pot pot pot Spot	o m, 1 cm	a = 0.01 m) 13 th Spot 14 th Spot 15 th Spot	 Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 7 th Sp 8 ^h Sp	no don't for oot oot oot oot sot Spot Spot	rmal rget to co	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	m cm to pot pot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 7 th S	no don't for oot oot oot ds) Spot Spot Spot	ormal get to co	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	m cm to pot pot Spot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 7 th S	no don't for oot oot oot oot sot Spot Spot	ormal get to co	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	m cm to pot pot Spot Spot h Spot _	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
Stream Depth (11st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 8 th Sp	don't for bot not out ds) Spot Sp	ormal	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	spot Spot Spot Spot Spot Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 8 th Sp	don't for bot not out ds) Spot Sp	ormal	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	spot Spot Spot Spot Spot Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 8 th Sp	don't for bot not out ds) Spot Sp	ormal	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	spot Spot Spot Spot Spot Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot
high Stream Depth (1st Spot	in meters, 6 5 th Sp 6 th Sp 8 ^h Sp 8 th Sp 5 th S 8 th Sp	don't for bot not out ds) Spot Sp	ormal	onvert fro 9 th S _I 10 th S _I 11 th S _I 12 th S _I	spot Spot Spot Spot Spot Spot	o m, 1 cm	13 th Spot 14 th Spot 15 th Spot 13 th 14 th	 Spot Spot



Date Time	e
IOWATER Monitor	# of Adults (incl. you)
Site Number	# of under 18
Other Volunteers Involved	
Physi	ical Assessment
Weather (<i>check all that apply</i>)	
	y Rain/Snow Windy Calm
Air Temperature °Fahrenheit	
Precipitation inches over the l	ast 24 hours
Wind Direction (check one)	
Not applicable Northeast _	Calm (0-5 mph, felt on face, leaves rustle)
	Breezy (sustained 5-15 mph, small branches move)
South Southeast _	Strong (sustained over 15 mph, small trees sway
East Southwest	continuously, waves form)
West	Gusty (gust over 15 mph, small trees sway occasionally)
Site Location Open Water	Shore or Dock
Secchi Disc Depth meters	
OR Transparency Tube	cm (record whole numbers only – no tenths)
Water Temperature	
Water Level (check one)	
Above Normal Belo	w Normal
If lake is not at normal level, and you have	e means to measure, please specify:
inches above or below	normal
Water Odor (check all that apply)	
	otten Foos Petroleum Fishy

<u>pH</u>
Expiration date on bottom of bottle check one – 4 5 6 7 8 9
Check one - 4 5 0 7 9
Nitrite-N (mg/L)
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
Nitrate-N (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one -1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
<u>Chloride</u>
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or
scummy) No Yes (if yes, please submit a photo record)
Habitat Aggaggment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Banks
Describe Adjacent Land Use
Other Observations and Notes:



Date Tim	e
IOWATER Monitor	# of Adults (incl. you)
Site Number	# of under 18
Other Volunteers Involved	
Phys	ical Assessment
Weather (check all that apply)	
	y Rain/Snow Windy Calm
<u>Air Temperature</u> °Fahrenheit	
<u>Precipitation</u> inches over the l	last 24 hours
Wind Direction (check one)	Wind Speed (check one)
Not applicable Northeast _	Calm (0-5 mph, felt on face, leaves rustle)
North Northwest	Breezy (sustained 5-15 mph, small branches move)
South Southeast _	Strong (sustained over 15 mph, small trees sway
East Southwest	continuously, waves form)
West	Gusty (gust over 15 mph, small trees sway occasionally)
Site Location Open Water	_ Shore or Dock
Secchi Disc Depth meters	
OR Transparency Tube	cm (record whole numbers only – no tenths)
Water Temperature °Fahrenheit	
Water Level (check one)	
Above Normal Belo	ow Normal
If lake is not at normal level, and you have	e means to measure, please specify:
inches above or below	normal
Water Odor (check all that apply)	
None Sewage/Manure R	otten Eggs Petroleum Fishv

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
CHECK ONE 4 5 7 7
$\underline{\mathbf{Nitrite-N}}\ (mg/L)$
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
$\underline{\text{Nitrate-N}}$ (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
Chloride
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or
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Habitat Aggaggment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Banks
Describe Adjacent Land Use
Other Observations and Notes:



Date Time			
IOWATER Monitor	# of Adults (incl. you)		
Site Number	# of under 18		
Other Volunteers Involved			
Physic	cal Assessment		
Weather (<i>check all that apply</i>)			
	Rain/Snow Windy Calm		
Air Temperature °Fahrenheit			
<u>Precipitation</u> inches over the la	ast 24 hours		
Wind Direction (check one)			
Not applicable Northeast	Calm (0-5 mph, felt on face, leaves rustle)		
	Breezy (sustained 5-15 mph, small branches move)		
South Southeast	Strong (sustained over 15 mph, small trees sway		
East Southwest	continuously, waves form)		
West	Gusty (gust over 15 mph, small trees sway occasionally)		
Site Location Open Water	Shore or Dock		
Secchi Disc Depth meters			
OR Transparency Tube	cm (record whole numbers only – no tenths)		
Water Temperature °Fahrenheit			
Water Level (check one)			
Above Normal Below	v Normal		
If lake is not at normal level, and you have	means to measure, please specify:		
inches above or below	normal		
Water Odor (check all that apply)			
	otten Foos Petroleum Fishy		

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
eneck one 4 5 7 7
Nitrite-N (mg/L)
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
Nitrate-N (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
Chloride
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Dialogical Aggaggment
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or scummy) No Yes (if yes, please submit a photo record)
scummy) 100 1 cs (ij yes, pieuse suomii a piioio recora)
Habitat Assessment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Banks
Describe Lake Danks
Describe Adjacent Land Use
Describe Aujacent Lanu Ose
Other Observations and Notes
Other Observations and Notes:



Date Tim	e
IOWATER Monitor	# of Adults (incl. you)
Site Number	# of under 18
Other Volunteers Involved	
Physi	ical Assessment
Weather (check all that apply)	
	y Rain/Snow Windy Calm
<u>Air Temperature</u> °Fahrenheit	
<u>Precipitation</u> inches over the l	ast 24 hours
Wind Direction (check one)	Wind Speed (check one)
Not applicable Northeast _	Calm (0-5 mph, felt on face, leaves rustle)
North Northwest _	Breezy (sustained 5-15 mph, small branches move)
South Southeast _	Strong (sustained over 15 mph, small trees sway
East Southwest	continuously, waves form)
West	Gusty (gust over 15 mph, small trees sway occasionally)
Site Location Open Water	Shore or Dock
Secchi Disc Depth meters	
OR Transparency Tube	cm (record whole numbers only – no tenths)
Water Temperature	
Water Level (check one)	
Above Normal Belo	w Normal
If lake is not at normal level, and you have	e means to measure, please specify:
inches above or below	normal
Water Odor (check all that apply)	
None Sewage/Manure R	otten Eggs Petroleum Fishv

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
$\underline{\text{Nitrite-N}}$ (mg/L)
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
$\underline{\text{Nitrate-N}}$ (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
Chloride
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or
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Habitat Aggaggment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Banks
Describe Adjacent Land Use
Other Observations and Notes:



Date Time			
IOWATER Monitor	# of Adults (incl. you)		
Site Number	# of under 18		
Other Volunteers Involved			
Physic	al Assessment		
Weather (<i>check all that apply</i>)			
	Rain/Snow Windy Calm		
Air Temperature °Fahrenheit			
Precipitation inches over the last	st 24 hours		
Wind Direction (check one)			
Not applicable Northeast	Calm (0-5 mph, felt on face, leaves rustle)		
	Breezy (sustained 5-15 mph, small branches move)		
South Southeast	Strong (sustained over 15 mph, small trees sway		
East Southwest	continuously, waves form)		
West	Gusty (gust over 15 mph, small trees sway occasionally)		
Site Location Open Water S	Shore or Dock		
Secchi Disc Depth meters			
OR Transparency Tubec	m (record whole numbers only – no tenths)		
Water Temperature °Fahrenheit			
Water Level (check one)			
Above Normal Below	Normal		
If lake is not at normal level, and you have r	neans to measure, please specify:		
inches above or below	normal		
Water Odor (check all that apply)			
	ten Foos Petroleum Fishy		

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
eneck one 4 2 7 9
Nitrite-N (mg/L)
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
Nitrate-N (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1_ 0.2_ 0.3_ 0.4_ 0.6_ 0.8_
1 2 3 4 5 6 7 8 10
Chloride
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or
scummy) No Yes (if yes, please submit a photo record)
Habitat Assessment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Domba
Describe Lake Banks
Describe Adiacont Land Use
Describe Adjacent Land Use
Other Observations and Notes:



Date Tim	e
IOWATER Monitor	# of Adults (incl. you)
Site Number	# of under 18
Other Volunteers Involved	
Phys	ical Assessment
Weather (check all that apply)	
	y Rain/Snow Windy Calm
<u>Air Temperature</u> °Fahrenheit	
<u>Precipitation</u> inches over the	last 24 hours
Wind Direction (check one)	Wind Speed (check one)
Not applicable Northeast	Calm (0-5 mph, felt on face, leaves rustle)
North Northwest	Breezy (sustained 5-15 mph, small branches move)
South Southeast	Strong (sustained over 15 mph, small trees sway
East Southwest	continuously, waves form)
West	Gusty (gust over 15 mph, small trees sway occasionally)
Site Location Open Water	_ Shore or Dock
Secchi Disc Depth meters	
OR Transparency Tube	_ cm (record whole numbers only – no tenths)
Water Temperature	
Water Level (check one)	
Above Normal Belo	ow Normal
If lake is not at normal level, and you hav	e means to measure, please specify:
inches above or below _	normal
Water Odor (check all that apply)	
None Sewage/Manure R	otten Eggs Petroleum Fishv

<u>pH</u>		1	6.1	1						
Expiration da	ate on	bottom	of bo	ottle		0	0			
check one –	4	_ 5	_ 6		7	8	9			
Nitrite-N (m	g/L)									
Expiration da	~	bottom	of bo	ottle						
check one –							1.5	3	-	
Nitrate-N (n	19/L)									
Expiration da	_	bottom	of bo	ottle						
check one –						20	50			
Dissolved O	VVGOY	(ma/I	`							
Expiration da				r com	narator					
check one – 1	1	2	3	4	5 5	6	8	10	12	
check one		-				_	_	10		
Phosphate (-									
Expiration da				_						
Expiration da				-						
Expiration da	ate on	activat	or sol	ution _	0.2	0.4	0.6	0.0		
check one –	V_ 1			U.4 2		0.4	U.O	_ U.8 7	_ o	10
	1_	4		3	4	5	_ 0	_ /	_	10
Chloride										
Expiration da	ate on	bottom	of bo	ottle						
	mg	y/L – Co.	nvert Q	Quantab	Units to m	g/L using	g the chart	provided (on the bottle	
	_							•		
	_	_			<u>ological</u>					
Water Color				-	-		-		iter appear	rs green or
scummy)	No	, ,	es (ij	yes, p	lease sub	mit a pi	hoto reco	rd)		
				<u>H</u>	abitat .	Asses	<u>sment</u>			
* C	onduc	t only on	ce per	year, p	referably i	in July, o	or if a maj	or land u	se change o	ecurs *
Describe La	ke Re	nke								
Describe La	KC Di	tiiks								
Describe Ad	ljacen	t Land	Use .							
Other Obser	rvatio	ns and	Note	es:						
3		wiiu	_ , 0 00							



Date Time			
IOWATER Monitor	# of Adults (incl. you)		
Site Number	# of under 18		
Other Volunteers Involved			
Weather (check all that apply)	Assessment Rain/Snow Windy Calm		
Air Temperature °Fahrenheit			
<u>Precipitation</u> inches over the last 2	24 hours		
South Southeast Southwest	Calm (0-5 mph, felt on face, leaves rustle) Breezy (sustained 5-15 mph, small branches move) Strong (sustained over 15 mph, small trees sway continuously, waves form) Gusty (gust over 15 mph, small trees sway occasionally)		
Secchi Disc Depth meters OR Transparency Tube cm Water Temperature °Fahrenheit			
Water Level (check one) Above Normal Normal Below N If lake is not at normal level, and you have me inches above or below Water Odor (check all that apply)	eans to measure, please specify:		
None Sewage/Manure Rotter	n Eggs Petroleum Fishy		

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
then the 4 5 1 1 1 1 1 1
$\underline{\text{Nitrite-N}} \ (mg/L)$
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
$\underline{\mathbf{Nitrate-N}}\ (mg/L)$
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
Chloride
Expiration date on bottom of bottle
mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle
Biological Assessment
<u>Water Color</u> – Is there an obvious algal bloom? (algal mats present, water appears green or scummy) No Yes (<i>if yes, please submit a photo record</i>)
sculling) No 1es (y yes, piease submit a photo recora)
Habitat Assessment
* Conduct only once per year, preferably in July, or if a major land use change occurs *
Describe Lake Banks
Describe Adiccont Land Use
Describe Adjacent Land Use
Other Observations and Notes:



Date Time	e			
IOWATER Monitor	# of Adults (incl. you)			
Site Number	# of under 18			
Other Volunteers Involved				
Physi	ical Assessment			
Weather (<i>check all that apply</i>)				
` 11 V	y Rain/Snow Windy Calm			
<u>Air Temperature</u> °Fahrenheit				
<u>Precipitation</u> inches over the l	last 24 hours			
Wind Direction (check one)	Wind Speed (check one)			
	Calm (0-5 mph, felt on face, leaves rustle)			
	Breezy (sustained 5-15 mph, small branches move)			
	Strong (sustained over 15 mph, small trees sway			
	continuously, waves form)			
	Gusty (gust over 15 mph, small trees sway occasionally)			
Site Location Open Water	_ Shore or Dock			
Secchi Disc Depth meters				
OR Transparency Tube	cm (record whole numbers only – no tenths)			
Water Temperature °Fahrenheit				
Water Level (check one)				
Above Normal Normal Belo	ow Normal			
If lake is not at normal level, and you have				
inches above or below	1 1 0			
Water Odor (check all that apply)				
None Sewage/Manure R	otten Foos Petroleum Fishy			

<u>pH</u> Expiration date on bottom of bottle
check one – 4 5 6 7 8 9
CHECK ONC 4 5 7 5 7
$\underline{\text{Nitrite-N}} \ (mg/L)$
Expiration date on bottom of bottle
check one – 0 0.15 0.3 1.0 1.5 3
$\underline{\text{Nitrate-N}}$ (mg/L)
Expiration date on bottom of bottle
check one – 0 1 2 5 10 20 50
Dissolved Oxygen (mg/L)
Expiration date on back of color comparator
check one - 1 2 3 4 5 6 8 10 12
Phosphate (mg/L)
Expiration date on back of color comparator
Expiration date on round color comparator
Expiration date on activator solution
check one - 0 0.1 0.2 0.3 0.4 0.6 0.8
1 2 3 4 5 6 7 8 10
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Describe Lake Banks
Describe Lake Baliks
Describe Adjacent Land Use
Describe Majacent Bana Ose
Other Observations and Notes:
C TARREST CONTRACT TO THE STATE OF THE STATE